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US EPA

NOV 16 2017

IDAHO OPERATIONS OFFICE

November 16, 2017

Arthur Burbank  
USDA Forest Service  
4350 South Cliffs Dr.  
Pocatello, ID 83204

**Subject: Biological Selenium Removal Treatment Technology  
Water Treatment Pilot Study  
October 2017 Progress Report**

Dear Art,

This progress report summarizes key activities in October 2017 associated with Phase 2 of the Water Treatment Pilot Study located near Hoopes Spring. This Pilot Study is being conducted as part of the Smoky Canyon Mine Remedial Investigation/Feasibility Study (RI/FS) to provide information on the effectiveness of the active biological treatment system in removing selenium and other COPCs from South Fork Sage Creek Springs and Hoopes Spring.

Work related to the approved Phase 2 Pilot Study continues at the site in accordance with the *Final Phase 2 Pilot Study Work Plan and Sampling and Analysis Plan, Ultra-Filtration/Reverse Osmosis and Biological Selenium Removal Fluidized Bed Bioreactor Treatment Technology* (Phase 2 WP/SAP).

#### **Identification of Deliverables and Data Transmittals**

There were no outstanding deliverables or transmittals for the month of October.

#### **Completed Activities**

The following activities associated with the Phase 2 Pilot Study were completed in October 2017:

- Clean water testing of treatment system was continued with critical system simulations.
- Finalized controls and programming.
- Continued construction of the biosolids dewatering system.

#### **Upcoming Activities**

The following activities associated with the Phase 2 Pilot Study are planned through November 2017:

- Seed the Aeration Tanks and the FBR Units.





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- Begin system startup.
- Continued construction of the biosolids dewatering system.

Please contact me if there are questions regarding this monthly progress report.

Sincerely,

Jeffrey Hamilton  
Environmental Engineer

cc:

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